

Hemp Proficiency Testing

All Labs Precision

HM25SEP-2 (Hemp)



Sample: HM25SEP-2 (Hemp)

All Labs Precision

Issue Date: December 3, 2025

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Δ9-THC (%AR)									
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.1043	0.1045	0.1043	0.11	0.02	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.1211	0.1203	0.1212	0.41	0.07	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.1053	0.1065	0.1055	0.61	0.11	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.107	0.105	0.105	1.09	0.2	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1055	0.1043	0.1071	1.33	0.24	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.0934	0.0919	0.0903	1.69	0.3	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1068	0.1028	0.1052	1.92	0.34	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.1162	0.117	0.1207	2.04	0.37	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.119	0.118	0.123	2.2	0.4	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.104	0.1026	0.0994	2.31	0.41	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.1023	0.1049	0.1082	2.81	0.5	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.0948	0.0984	0.1002	2.81	0.5	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	154	0.1001	0.0975	0.1032	2.85	0.51	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.0878	0.0935	0.0893	3.28	0.57	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.136	0.1275	0.129	3.47	0.64	5.15	0.11	19.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.097	0.095	0.09	3.84	0.67	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	164	0.1002	0.0943	0.0934	3.85	0.68	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.1204	0.1122	0.121	4.17	0.76	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.1651	0.1699	0.1557	4.42	0.84	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.093	0.099	0.104	5.58	0.99	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.1076	0.1027	0.1189	7.57	1.36	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.0968	0.0885	0.0812	8.79	1.53	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.097	0.0812	0.0886	8.89	1.55	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.1395	0.1587	0.1339	9.03	1.69	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.089	0.108	0.096	9.84	1.74	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.106	0.105	0.086	11.4	2.02	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.30	Other LC-MS	190	0.1301	0.1034	0.1061	13	2.35	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.1066	0.1387	0.1381	14.4	2.64	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.0584	0.042	0.0553	16.8	2.7	5.15	0.11	19.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	213	0.0427	0.047	0.0315	19.8	3.07	5.15	0.11	19.8	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	184	<0.0200	<0.0200	<0.0200						1
Δ9-THCA (%AR)	002.10	Other LC-UV	213	<0.1000	<0.1000	<0.1000						1
Δ9-THCA (%AR)	002.10	Other LC-UV	170	<0.0300	<0.0300	<0.0300						1
Δ9-THCA (%AR)	002.10	Other LC-UV	154	<0.0210	<0.0210	<0.0210						1
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	<0.0100	<0.0100	<0.0100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	163	<0.0200	<0.0200	<0.0200						1
Δ9-THCA (%AR)	002.30	Other LC-MS	122	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0250	<0.0250	<0.0250						1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0200	<0.0200	<0.0200						1
Δ9-THCA (%AR)	002.10	Other LC-UV	173	<0.0200	<0.0200	<0.0200						1
Δ9-THCA (%AR)	002.30	Other LC-MS	149	<0.0250	<0.0250	<0.0250						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.30	Other LC-MS	190	0.01	0.0102	0.0101	0.99	0.12	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.077	0.0789	0.0785	1.28	0.22	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.005	0.005	0.0048	2.34	0.26	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0057	0.0054	0.0058	3.7	0.43	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0072	0.0068	0.0073	3.73	0.44	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.10	Other LC-UV	164	0.013	0.0121	0.0123	3.79	0.49	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0068	0.0074	0.0071	4.23	0.5	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.0289	0.0297	0.0311	3.72	0.55	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0261	0.0283	0.0267	4.21	0.61	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0107	0.0096	0.0102	5.42	0.68	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.10	Other LC-UV	183	0.01	0.01	0.011	5.59	0.71	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.1001	0.0924	0.095	4.09	0.72	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.015	0.0128	0.0127	9.63	1.27	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.024	0.022	0.019	11.6	1.64	6.22	0.99	50.5	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0087	0.0084	0.0045	32.5	3.89	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0124	0.0105	0.0237	45.9	6.16	6.22	0.99	50.5	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0044	0.0123	0.0142	50.5	6.37	6.22	0.99	50.5	0

CBD (%AR)

CBD (%AR)	003.30	Other LC-MS	122	5.366	5.3663	5.3658	0	0	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	189	4.8875	4.9008	4.8907	0.14	0.05	2.18	0	14.6	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	5.465	5.485	5.4765	0.18	0.06	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	154	4.2745	4.308	4.3233	0.58	0.18	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	184	5.351	5.425	5.348	0.81	0.26	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	116	5.2421	5.3374	5.3398	1.05	0.34	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	142	5.3568	5.3182	5.2376	1.15	0.37	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	163	6.0095	6.1679	6.0733	1.31	0.43	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	144	6.2891	6.1237	6.2217	1.34	0.44	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	183	5.737	5.619	5.762	1.34	0.44	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	170	5.2878	5.3381	5.4497	1.55	0.5	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	213	4.515	4.449	4.334	2.07	0.65	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	204	5.7201	5.7571	5.981	2.43	0.79	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	106	5.5642	5.761	5.8405	2.49	0.81	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	192	4.2092	4.0082	4.1833	2.65	0.82	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	164	5.5682	5.2909	5.3093	2.88	0.93	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	173	4.659	4.572	4.867	3.23	1.02	2.18	0	14.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.5338	4.3375	4.2443	3.38	1.06	2.18	0	14.6	0
CBD (%AR)	003.01	AOAC 2018.10	152	4.8184	4.3947	4.5816	4.62	1.45	2.18	0	14.6	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.4901	4.4768	4.9381	5.67	1.79	2.18	0	14.6	0
CBD (%AR)	003.10	Other LC-UV	149	5.936	4.977	5.006	10.3	3.31	2.18	0	14.6	0
CBD (%AR)	003.30	Other LC-MS	149	6.274	4.679	5.781	14.6	4.75	2.18	0	14.6	0

CBDA (%AR)

CBDA (%AR)	004.30	Other LC-MS	122	1.8401	1.8407	1.8403	0.02	0	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	106	1.8456	1.8491	1.8482	0.1	0.03	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	189	1.6107	1.6096	1.6062	0.15	0.04	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	154	1.0455	1.0395	1.0429	0.29	0.07	2.61	0.02	18.7	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	1.829	1.85	1.849	0.64	0.18	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	192	1.3071	1.2853	1.2985	0.85	0.22	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	183	1.933	1.901	1.93	0.92	0.25	2.61	0.02	18.7	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	1.3586	1.3219	1.3552	1.51	0.39	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	142	1.5388	1.5216	1.4909	1.6	0.43	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	163	1.8988	1.9182	1.8606	1.55	0.43	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	116	1.5904	1.6071	1.5544	1.7	0.46	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	149	1.608	1.66	1.673	2.09	0.56	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	204	1.9375	1.9549	2.0363	2.67	0.74	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	144	1.9327	1.8261	1.873	2.85	0.78	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	213	1.331	1.297	1.23	4	1.04	2.61	0.02	18.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.10	Other LC-UV	173	1.231	1.222	1.316	4.13	1.07	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	164	1.7988	1.6467	1.6429	5.24	1.42	2.61	0.02	18.7	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	1.985	1.8794	1.786	5.29	1.46	2.61	0.02	18.7	0
CBDA (%AR)	004.10	Other LC-UV	184	2.062	1.95	1.803	6.7	1.85	2.61	0.02	18.7	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	1.4437	1.388	1.5997	7.43	1.97	2.61	0.02	18.7	0
CBDA (%AR)	004.30	Other LC-MS	149	2.166	1.572	1.61	18.7	5.1	2.61	0.02	18.7	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	189	0.0891	0.0883	0.0877	0.8	0.14	3.37	0.79	11.3	0
CBN (%AR)	005.30	GC-FID	116	0.0923	0.0908	0.0921	0.89	0.16	3.37	0.79	11.3	0
CBN (%AR)	005.30	GC-FID	163	0.1183	0.1209	0.1191	1.11	0.2	3.37	0.79	11.3	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0905	0.092	0.0925	1.14	0.2	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	183	0.098	0.098	0.1	1.17	0.21	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	154	0.0852	0.0828	0.0856	1.79	0.31	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	142	0.0805	0.0807	0.0771	2.55	0.44	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	192	0.0728	0.0757	0.0717	2.82	0.48	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	149	0.079	0.083	0.083	2.83	0.49	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	204	0.0925	0.0963	0.0983	3.08	0.54	3.37	0.79	11.3	0
CBN (%AR)	005.20	Other LC-MS	190	0.0876	0.0864	0.0918	3.2	0.56	3.37	0.79	11.3	0
CBN (%AR)	005.30	GC-FID	192	0.1087	0.1052	0.1121	3.17	0.57	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	144	0.0907	0.0863	0.0848	3.51	0.61	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	106	0.1017	0.1071	0.1098	3.88	0.7	3.37	0.79	11.3	0

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									Rob Mean	min	max	
CBN (%AR)	005.30	GC-FID	138	0.111	0.12	0.118	4.06	0.74	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	213	0.068	0.068	0.062	5.25	0.87	3.37	0.79	11.3	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0927	0.0822	0.0897	6.13	1.07	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	173	0.092	0.081	0.088	6.4	1.11	3.37	0.79	11.3	0
CBN (%AR)	005.10	Other LC-UV	116	0.1022	0.0998	0.1205	10.5	1.89	3.37	0.79	11.3	0
CBN (%AR)	005.20	Other LC-MS	149	0.098	0.081	0.081	11.3	1.97	3.37	0.79	11.3	0

Total Δ9-THC (%AR)												
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.1261	0.1251	0.1262	0.48	0.09	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1179	0.1195	0.1204	1.06	0.19	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.107	0.105	0.105	1.09	0.2	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.1281	0.1313	0.1289	1.29	0.24	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.1069	0.1082	0.1099	1.39	0.25	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.50	GC-MS	170	0.1258	0.1289	0.1287	1.36	0.25	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1458	0.1498	0.1492	1.45	0.27	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.0934	0.0919	0.0903	1.69	0.3	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.1694	0.1666	0.1633	1.83	0.35	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.1225	0.123	0.1271	2.03	0.37	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.128	0.126	0.132	2.37	0.44	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.1085	0.103	0.1054	2.61	0.47	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.12	0.114	0.1163	2.59	0.47	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	154	0.1001	0.0975	0.1032	2.85	0.51	3.88	0.48	14.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.1579	0.1494	0.1509	2.97	0.56	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.0937	0.1	0.0955	3.37	0.59	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.2529	0.2509	0.239	3.03	0.62	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.1299	0.1213	0.1252	3.43	0.63	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1152	0.1153	0.1226	3.61	0.66	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	164	0.1116	0.1049	0.1042	3.82	0.68	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.1298	0.1206	0.1299	4.21	0.77	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.1083	0.1071	0.0996	4.49	0.8	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.093	0.099	0.104	5.58	0.99	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.119	0.114	0.106	5.8	1.05	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.1062	0.1157	0.1207	6.45	1.17	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1259	0.1113	0.1242	6.63	1.21	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.1853	0.1807	0.1642	6.28	1.21	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.089	0.108	0.096	9.84	1.74	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.1044	0.0958	0.0852	10.1	1.78	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.106	0.105	0.086	11.4	2.02	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.1185	0.1119	0.1397	11.8	2.16	3.88	0.48	14.3	0
Total Δ9-THC (%AR)	006.50	GC-MS	231	0.227	0.249	0.299	14.3	2.92	3.88	0.48	14.3	0

Total CBD (%AR)												
Total CBD (%AR)	007.30	Other LC-MS	122	6.9798	6.9806	6.9797	0.01	0	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	189	6.3001	6.3124	6.2994	0.12	0.04	2.08	0.01	14.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	7.069	7.1075	7.0981	0.28	0.1	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	154	5.1914	5.2196	5.238	0.45	0.14	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	116	6.6369	6.7468	6.703	0.83	0.28	2.08	0.01	14.8	0
Total CBD (%AR)	007.40	GC-FID	163	7.8593	7.9952	7.9147	0.86	0.29	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	149	6.347	6.433	6.473	1	0.33	2.08	0.01	14.8	0
Total CBD (%AR)	007.40	GC-FID	169	7.051	6.93	6.932	0.99	0.33	2.08	0.01	14.8	0
Total CBD (%AR)	007.40	GC-FID	116	7.2437	7.0765	7.1257	1.2	0.4	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	142	6.7063	6.6526	6.5451	1.24	0.41	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	183	7.433	7.286	7.454	1.24	0.42	2.08	0.01	14.8	0
Total CBD (%AR)	007.40	GC-FID	138	8.0128	8.2688	8.2012	1.63	0.56	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	144	7.9845	7.7256	7.8647	1.65	0.56	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	192	5.3556	5.1353	5.3221	2.25	0.72	2.08	0.01	14.8	0
Total CBD (%AR)	007.40	GC-FID	170	7.4253	7.1835	7.1222	2.21	0.75	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	204	7.4193	7.4715	7.7668	2.48	0.84	2.08	0.01	14.8	0
Total CBD (%AR)	007.50	GC-MS	170	8.0189	7.8863	8.3285	2.81	0.96	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	173	5.738	5.643	6.021	3.39	1.11	2.08	0.01	14.8	0
Total CBD (%AR)	007.10	Other LC-UV	164	7.1457	6.7351	6.7501	3.39	1.13	2.08	0.01	14.8	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	6.2747	5.9857	5.8106	3.89	1.28	2.08	0.01	14.8	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	6.0099	5.5539	5.7701	3.95	1.29	2.08	0.01	14.8	0
Total CBD (%AR)	007.40	GC-FID	192	7.688	7.1155	7.9544	5.65	1.92	2.08	0.01	14.8	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	5.7562	5.6941	6.341	6.02	1.97	2.08	0.01	14.8	0
Total CBD (%AR)	007.30	Other LC-MS	149	8.174	6.058	7.194	14.8	4.99	2.08	0.01	14.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBDV (%AR)									
CBDV (%AR)	008.99	Other	154	0.0538	0.0533	0.0544	1.02	0.17	2.49	1.02	9.33	0
CBDV (%AR)	008.99	Other	106	0.0457	0.0462	0.0469	1.3	0.21	2.49	1.02	9.33	0
CBDV (%AR)	008.99	Other	189	0.0265	0.0253	0.0258	2.33	0.34	2.49	1.02	9.33	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.051	0.049	0.051	2.29	0.37	2.49	1.02	9.33	0
CBDV (%AR)	008.99	Other	142	0.0489	0.0504	0.0516	2.69	0.43	2.49	1.02	9.33	0
CBDV (%AR)	008.99	Other	173	0.095	0.096	0.101	3.3	0.58	2.49	1.02	9.33	0
CBDV (%AR)	008.99	Other	149	0.056	0.047	0.049	9.33	1.49	2.49	1.02	9.33	0
			CBDVA (%AR)									
CBDVA (%AR)	009.99	Other	149	0.032	<0.0250	0.027						1
CBDVA (%AR)	009.99	Other	154	<0.0150	<0.0150	<0.0150						1
CBDVA (%AR)	009.99	Other	142	0.0279	0.0287	0.0281	1.47	0.22				0
CBDVA (%AR)	009.99	Other	173	0.039	0.04	0.039	1.47	0.23				0
CBDVA (%AR)	009.02	AOAC 2018.11, U	183	0.059	0.058	0.06	1.69	0.28				0
CBDVA (%AR)	009.01	AOAC 2018.10	149	0.028	0.028	0.029	2.04	0.3				0
			CBG (%AR)									
CBG (%AR)	010.99	Other	142	0.2516	0.2533	0.2558	0.83	0.17	3.6	0.83	10.2	0
CBG (%AR)	010.01	AOAC 2018.10	149	0.248	0.248	0.254	1.39	0.28	3.6	0.83	10.2	0
CBG (%AR)	010.99	Other	154	0.2066	0.2097	0.2032	1.57	0.31	3.6	0.83	10.2	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.325	0.323	0.333	1.62	0.34	3.6	0.83	10.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBG (%AR)	010.99	Other	106	0.3047	0.3127	0.3199	2.43	0.51	3.6	0.83	10.2	0
CBG (%AR)	010.99	Other	204	0.3227	0.3261	0.3382	2.48	0.53	3.6	0.83	10.2	0
CBG (%AR)	010.99	Other	173	0.271	0.242	0.258	5.65	1.16	3.6	0.83	10.2	0
CBG (%AR)	010.99	Other	189	0.2944	0.3388	0.3371	7.78	1.65	3.6	0.83	10.2	0
CBG (%AR)	010.99	Other	149	0.31	0.29	0.253	10.2	2.11	3.6	0.83	10.2	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	189	0.1698	0.1682	0.1683	0.53	0.1	2.21	0.53	9.14	0
CBGA (%AR)	011.02	AOAC 2018.11, U	183	0.18	0.182	0.179	0.85	0.16	2.21	0.53	9.14	0
CBGA (%AR)	011.99	Other	154	0.0924	0.0909	0.0934	1.36	0.24	2.21	0.53	9.14	0
CBGA (%AR)	011.01	AOAC 2018.10	149	0.146	0.146	0.15	1.57	0.29	2.21	0.53	9.14	0
CBGA (%AR)	011.99	Other	142	0.1208	0.1239	0.1182	2.36	0.43	2.21	0.53	9.14	0
CBGA (%AR)	011.99	Other	204	0.1728	0.1739	0.1801	2.24	0.43	2.21	0.53	9.14	0
CBGA (%AR)	011.99	Other	106	0.153	0.1439	0.1473	3.11	0.58	2.21	0.53	9.14	0
CBGA (%AR)	011.99	Other	173	0.131	0.125	0.134	3.53	0.65	2.21	0.53	9.14	0
CBGA (%AR)	011.99	Other	149	0.167	0.148	0.14	9.14	1.73	2.21	0.53	9.14	0

THCV (%AR)

THCV (%AR)	012.99	Other	189	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	106	<0.0300	<0.0300	<0.0300						1
THCV (%AR)	012.99	Other	173	0	0	0						1
THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
THCV (%AR)	012.99	Other	149	<0.0250	<0.0250	<0.0250						1
THCV (%AR)	012.02	AOAC 2018.11, U	183	<0.0010	<0.0010	<0.0010						1

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022						1
Δ8-THC (%AR)	013.02	AOAC 2018.11, U	183	<0.0010	<0.0010	<0.0010						1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0250	<0.0250						1
Δ8-THC (%AR)	013.99	Other	173	0	0	0						1
Δ8-THC (%AR)	013.99	Other	106	<0.0300	<0.0300	<0.0300						1
Δ8-THC (%AR)	013.01	AOAC 2018.10	149	<0.0250	<0.0250	<0.0250						1
Δ8-THC (%AR)	013.99	Other	189	0.0116	0.0119	0.012	1.76	0.23				0
Δ8-THC (%AR)	013.99	Other	138	0.086	0.0761	0.0833	6.26	1.08				0
Δ8-THC (%AR)	013.99	Other	192	0.0759	0.0713	0.0816	6.77	1.15				0
Δ8-THC (%AR)	013.99	Other	213	0.064	0.063	0.0517	11.5	1.88				0

CBC (%AR)

CBC (%AR)	014.99	Other	189	0.2562	0.2576	0.2536	0.79	0.16	1.99	0.79	8.24	0
CBC (%AR)	014.99	Other	142	0.215	0.2156	0.2118	0.95	0.19	1.99	0.79	8.24	0
CBC (%AR)	014.99	Other	106	0.2326	0.2362	0.2378	1.13	0.23	1.99	0.79	8.24	0
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.27	0.266	0.274	1.48	0.31	1.99	0.79	8.24	0
CBC (%AR)	014.01	AOAC 2018.10	149	0.211	0.218	0.215	1.64	0.33	1.99	0.79	8.24	0
CBC (%AR)	014.99	Other	154	0.1795	0.1851	0.1789	1.89	0.37	1.99	0.79	8.24	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBC (%AR)	014.99	Other	204	0.2418	0.2433	0.2535	2.59	0.53	1.99	0.79	8.24	0
CBC (%AR)	014.99	Other	173	0.185	0.178	0.191	3.52	0.69	1.99	0.79	8.24	0
CBC (%AR)	014.99	Other	149	0.261	0.231	0.224	8.24	1.66	1.99	0.79	8.24	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	0.2059						1
Cd (ug/g AR)	101.04	ICP-MS	183	0.164	0.168	0.164	1.4	0.27	4.39	1.4	9.09	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.1904	0.189	0.1969	2.19	0.43	4.39	1.4	9.09	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1935	0.1846	0.1926	2.58	0.5	4.39	1.4	9.09	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.1807	0.1907	0.1995	4.94	0.97	4.39	1.4	9.09	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.193	0.19	0.172	6.14	1.19	4.39	1.4	9.09	0
Cd (ug/g AR)	101.03	ICP-OES	192	0.12	0.1	0.11	9.09	1.64	4.39	1.4	9.09	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	106	<0.0830	<0.0830	<0.0830						1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
As (ug/g AR)	102.04	ICP-MS	141	<0.0600	<0.0600	0.061						1
As (ug/g AR)	102.03	ICP-OES	192	<0.8000	<0.8000	<0.8000						1
As (ug/g AR)	102.04	ICP-MS	183	0.076	0.082	0.08	3.85	0.66				0
As (ug/g AR)	102.04	ICP-MS	102	0.0632	0.0565	0.0634	6.43	1.06				0
As (ug/g AR)	102.04	ICP-MS	142	0.055	0.041	0.0449	15.4	2.44				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Hg (ug/g AR)									
Hg (ug/g AR)	103.04	ICP-MS	106	<0.0080	<0.0080	<0.0080						1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Hg (ug/g AR)	103.04	ICP-MS	183	<0.0120	<0.0120	<0.0120						1
Hg (ug/g AR)	103.03	ICP-OES	192	0	0	0						1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.0600	<0.0600	<0.0600						1
Hg (ug/g AR)	103.99	Other	102	0.0096	0.0097	0.0099	1.57	0.2				0
Hg (ug/g AR)	103.04	ICP-MS	142	0.0081	0.0087	0.0084	3.57	0.44				0
			Pb (ug/g AR)									
Pb (ug/g AR)	104.04	ICP-MS	142	0.2802	0.2943	0.2983	3.27	0.68	16.84	3.27	54	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.207	0.2031	0.2172	3.48	0.69	16.84	3.27	54	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.2959	0.3337	0.3014	6.58	1.38	16.84	3.27	54	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.292	0.306	0.35	9.58	2.02	16.84	3.27	54	0
Pb (ug/g AR)	104.04	ICP-MS	141	0.332	0.509	0.329	26.4	5.75	16.84	3.27	54	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.3376	0.5665	0.4225	26.2	5.8	16.84	3.27	54	0
Pb (ug/g AR)	104.03	ICP-OES	192	0.52	0.54	1.25	54	13.01	16.84	3.27	54	0
			Cu (ug/g AR)									
Cu (ug/g AR)	105.04	ICP-MS	142	14.4796	15.0174	15.0775	2.22	0.83				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Ni (ug/g AR)									
Ni (ug/g AR)	106.04	ICP-MS	141	1.47	1.51	1.46	1.79	0.48				0
Ni (ug/g AR)	106.04	ICP-MS	142	1.1626	1.2118	1.1732	2.19	0.56				0
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	141	0.821	0.784	0.862	4.74	1.15				0
Cr (ug/g AR)	107.04	ICP-MS	142	0.703	0.4538	0.3939	31.7	7.2				0
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	141	<1.2000	<1.2000	<1.2000						1
Se (ug/g AR)	108.04	ICP-MS	142	0.0996	0.1	0.1023	1.45	0.26				0
			Ag (ug/g AR)									
Ag (ug/g AR)	109.04	ICP-MS	142	0.0162	0.0123	0.0109	20.9	2.74				0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	141	57.9	60.7	57.8	2.8	1.29				0
Zn (ug/g AR)	111.04	ICP-MS	142	59.3583	59.9258	62.7602	3	1.39				0
			(-)-alpha-Bisabolol (%AR)									
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.104	0.102	0.1	1.96	0.35				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0305	0.0342	0.0316	5.92	0.89				0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	1030	1060	997	3.06	2.17				0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	183	0.047	0.047	0.045	2.49	0.39				0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0352	0.0397	0.0395	6.67	1.02				0
beta-Caryophyllene (%)	202.01	GC,FID	142	533	554	520	3.2	2.06				0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.02	0.021	0.021	2.79	0.39				0
(-)-Caryophyllene oxide	203.01	GC,FID	142	225	232	219	2.89	1.63				0
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Geraniol (%AR)	204.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	183	0.019	0.019	0.019	0	0				0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0151	0.018	0.0178	9.55	1.3				0
alpha-Humulene (%AR)	205.01	GC,FID	142	214	240	227	5.73	3.24				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			d-Limonene (%AR)									
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
d-Limonene (%AR)	206.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
			Linalool (%AR)									
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
			beta-Myrcene (%AR)									
beta-Myrcene (%AR)	208.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
			Ocimene (%AR)									
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Ocimene (%AR)	210.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
			alpha-Pinene (%AR)									
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Pinene (%AR)	211.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		(-)-beta-Pinene (%AR)										
(-)-beta-Pinene (%AR)	212.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
		alpha-Terpinene (%AR)										
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinene (%AR)	213.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
		gamma-Terpinene (%AR)										
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
gamma-Terpinene (%A	214.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
		alpha-Terpinolene (%AR)										
alpha-Terpinolene (%A	215.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
		Moisture (%AR)										
Moisture (%AR)	500.70	Commerc. Anal.	189	5.604	5.604	5.604	0	0	2.05	0	5.86	0
Moisture (%AR)	500.99	Other	142	5.84	5.81	5.87	0.51	0.17	2.05	0	5.86	0
Moisture (%AR)	500.70	Commerc. Anal.	153	4.89	4.86	4.93	0.72	0.23	2.05	0	5.86	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.11	6.04	6.16	0.99	0.32	2.05	0	5.86	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.77	6.89	6.74	1.17	0.39	2.05	0	5.86	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Moisture (%AR)	500.99	Other	103	6.29	6.14	6.31	1.49	0.49	2.05	0	5.86	0
Moisture (%AR)	500.99	Other	165	7.5061	7.4582	7.2612	1.75	0.59	2.05	0	5.86	0
Moisture (%AR)	500.50	AOAC 930.15	192	10.7845	10.5468	10.3085	2.26	0.81	2.05	0	5.86	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.17	9.6404	9.4329	2.5	0.88	2.05	0	5.86	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.21	7.69	7.46	3.22	1.09	2.05	0	5.86	0
Moisture (%AR)	500.50	AOAC 930.15	210	7.364	7.825	7.764	3.27	1.11	2.05	0	5.86	0
Moisture (%AR)	500.99	Other	102	6.1	6	6.5	4.27	1.41	2.05	0	5.86	0
Moisture (%AR)	500.70	Commerc. Anal.	162	7.84	8	8.74	5.86	2.01	2.05	0	5.86	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	189	0.1115	0.1128	0.1117	0.62	0.11	2.88	0.62	7.55	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.112	0.11	0.112	1.04	0.19	2.88	0.62	7.55	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.114	0.112	0.112	1.02	0.19	2.88	0.62	7.55	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.1106	0.1134	0.1167	2.69	0.49	2.88	0.62	7.55	0
Δ9-THC (%DW)	501.10	Other LC-UV	154	0.1067	0.104	0.1101	2.86	0.51	2.88	0.62	7.55	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.1497	0.1411	0.1424	3.21	0.6	2.88	0.62	7.55	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.1314	0.1291	0.1392	3.97	0.74	2.88	0.62	7.55	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.1104	0.109	0.1013	4.58	0.82	2.88	0.62	7.55	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.1146	0.1094	0.1266	7.55	1.37	2.88	0.62	7.55	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.10	Other LC-UV	162	<0.0100	<0.0100	<0.0100						1
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%DW)	502.30	Other LC-MS	102	<0.0210	<0.0210	<0.0210						1
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	<0.0130	<0.0130	<0.0130						1
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%DW)	502.10	Other LC-UV	154	<0.0210	<0.0210	<0.0210						1
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.0053	0.0053	0.0051	2.21	0.25				0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0276	0.03	0.0283	4.31	0.63				0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0133	0.0112	0.0253	45.8	6.21				0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0048	0.0133	0.0153	50.1	6.39				0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	189	5.1776	5.1917	5.1811	0.14	0.05	0.86	0.14	2.8	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	6.0167	6.0702	6.0469	0.44	0.15	0.86	0.14	2.8	0
CBD (%DW)	503.10	Other LC-UV	154	4.5578	4.5935	4.6098	0.58	0.18	0.86	0.14	2.8	0
CBD (%DW)	503.10	Other LC-UV	162	5.8588	5.9674	5.9231	0.92	0.3	0.86	0.14	2.8	0
CBD (%DW)	503.10	Other LC-UV	116	5.5844	5.6859	5.6885	1.05	0.34	0.86	0.14	2.8	0
CBD (%DW)	503.10	Other LC-UV	142	5.689	5.6463	5.5643	1.13	0.37	0.86	0.14	2.8	0
CBD (%DW)	503.01	AOAC 2018.10	210	6.475	6.182	6.161	2.8	0.92	0.86	0.14	2.8	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	189	1.7063	1.7051	1.7016	0.14	0.04	1.15	0.14	3.36	0
CBDA (%DW)	504.10	Other LC-UV	154	1.1148	1.1083	1.1121	0.29	0.07	1.15	0.14	3.36	0
CBDA (%DW)	504.01	AOAC 2018.10	210	2.146	2.129	2.112	0.8	0.22	1.15	0.14	3.36	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%DW)	504.02	AOAC 2018.11, U	199	2.0137	2.0474	2.0416	0.89	0.25	1.15	0.14	3.36	0
CBDA (%DW)	504.10	Other LC-UV	142	1.6342	1.6154	1.5838	1.58	0.43	1.15	0.14	3.36	0
CBDA (%DW)	504.10	Other LC-UV	116	1.6943	1.7121	1.6559	1.7	0.46	1.15	0.14	3.36	0
CBDA (%DW)	504.10	Other LC-UV	162	1.7736	1.8675	1.8904	3.36	0.92	1.15	0.14	3.36	0

CBN (%DW)

CBN (%DW)	505.10	Other LC-UV	189	0.0943	0.0935	0.0929	0.75	0.13	2.2	0.75	6.76	0
CBN (%DW)	505.30	GC-FID	116	0.0984	0.0967	0.0981	0.93	0.16	2.2	0.75	6.76	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0996	0.1018	0.1021	1.35	0.24	2.2	0.75	6.76	0
CBN (%DW)	505.10	Other LC-UV	154	0.0909	0.0883	0.0913	1.81	0.32	2.2	0.75	6.76	0
CBN (%DW)	505.10	Other LC-UV	162	0.0981	0.1022	0.1018	2.24	0.4	2.2	0.75	6.76	0
CBN (%DW)	505.10	Other LC-UV	142	0.0855	0.0857	0.0819	2.53	0.44	2.2	0.75	6.76	0
CBN (%DW)	505.10	Other LC-UV	192	0.0811	0.0849	0.0802	3.04	0.52	2.2	0.75	6.76	0
CBN (%DW)	505.30	GC-FID	192	0.1218	0.1176	0.125	3.06	0.56	2.2	0.75	6.76	0
CBN (%DW)	505.10	Other LC-UV	116	0.1089	0.1063	0.1205	6.76	1.22	2.2	0.75	6.76	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.123	0.121	0.123	0.94	0.17	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.1241	0.1256	0.1266	1	0.18	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.114	0.112	0.112	1.02	0.19	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.1139	0.1153	0.117	1.35	0.24	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.1358	0.1391	0.1365	1.27	0.24	3.3	0.94	11.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%DW)	506.10	Other LC-UV	154	0.1067	0.104	0.1101	2.86	0.51	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.1716	0.163	0.1643	2.79	0.53	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	192	0.1292	0.1288	0.1367	3.38	0.63	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.1314	0.1291	0.1392	3.97	0.74	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.1151	0.1137	0.1058	4.5	0.81	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.1148	0.125	0.1301	6.32	1.16	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1403	0.1247	0.1389	6.41	1.19	3.3	0.94	11.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.1263	0.1192	0.1488	11.8	2.17	3.3	0.94	11.8	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	189	6.6741	6.6871	6.6734	0.12	0.04	1.28	0.12	5.57	0
Total CBD (%DW)	507.10	Other LC-UV	154	5.5355	5.5655	5.5851	0.45	0.15	1.28	0.12	5.57	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	7.7827	7.865	7.8374	0.54	0.18	1.28	0.12	5.57	0
Total CBD (%DW)	507.10	Other LC-UV	116	7.0703	7.1874	7.1407	0.83	0.28	1.28	0.12	5.57	0
Total CBD (%DW)	507.40	GC-FID	116	7.7167	7.5386	7.5911	1.2	0.41	1.28	0.12	5.57	0
Total CBD (%DW)	507.10	Other LC-UV	142	7.1222	7.063	6.9533	1.22	0.41	1.28	0.12	5.57	0
Total CBD (%DW)	507.10	Other LC-UV	162	7.4142	7.6052	7.5809	1.38	0.47	1.28	0.12	5.57	0
Total CBD (%DW)	507.10	Other LC-UV	192	5.9711	5.7561	5.9496	2.01	0.66	1.28	0.12	5.57	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	8.357	8.049	8.013	2.32	0.8	1.28	0.12	5.57	0
Total CBD (%DW)	507.40	GC-FID	192	8.6173	7.9544	8.8687	5.57	1.92	1.28	0.12	5.57	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBDV (%DW)									
CBDV (%DW)	508.99	Other	154	0.0574	0.0568	0.058	1.05	0.17			0	
CBDV (%DW)	508.99	Other	189	0.0281	0.0268	0.0274	2.37	0.35			0	
CBDV (%DW)	508.99	Other	142	0.052	0.0535	0.0549	2.71	0.44			0	
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.055	0.054	0.052	2.85	0.46			0	
CBDV (%DW)	508.99	Other	162	0.0482	0.0489	0.046	3.17	0.5			0	
			CBDVA (%DW)									
CBDVA (%DW)	509.99	Other	154	<0.0150	<0.0150	<0.0150					1	
CBDVA (%DW)	509.99	Other	142	0.0297	0.0304	0.0299	1.2	0.18			0	
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.019	0.013	0.016	18.8	2.53			0	
			CBG (%DW)									
CBG (%DW)	510.99	Other	142	0.2672	0.2689	0.2717	0.84	0.17			0	
CBG (%DW)	510.99	Other	154	0.2203	0.2235	0.2167	1.55	0.31			0	
CBG (%DW)	510.99	Other	162	0.3106	0.3261	0.2985	4.44	0.93			0	
CBG (%DW)	510.01	AOAC 2018.10	210	0.274	0.287	0.305	5.39	1.12			0	
CBG (%DW)	510.99	Other	189	0.3119	0.3589	0.3572	7.78	1.66			0	
			CBGA (%DW)									
CBGA (%DW)	511.99	Other	189	0.1799	0.1782	0.1783	0.53	0.1			0	
CBGA (%DW)	511.99	Other	162	0.1665	0.1679	0.169	0.75	0.14			0	

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%DW)	511.99	Other	154	0.0985	0.0969	0.0996	1.38	0.24				0
CBGA (%DW)	511.99	Other	142	0.1283	0.1315	0.1255	2.34	0.43				0
CBGA (%DW)	511.01	AOAC 2018.10	210	0.088	0.089	0.073	10.8	1.86				0
THCV (%DW)												
THCV (%DW)	512.99	Other	189	<0.0050	<0.0050	<0.0050						1
THCV (%DW)	512.99	Other	142	<0.0022	<0.0022	<0.0022						1
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130						1
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	<0.0130	<0.0130	<0.0130						1
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	142	<0.0022	<0.0022	<0.0022						1
Δ8-THC (%DW)	513.99	Other	189	0.0123	0.0127	0.0128	2.1	0.27				0
Δ8-THC (%DW)	513.99	Other	192	0.0851	0.0797	0.0909	6.57	1.14				0
CBC (%DW)												
CBC (%DW)	514.99	Other	189	0.2715	0.2729	0.2687	0.79	0.16				0
CBC (%DW)	514.99	Other	142	0.2283	0.2289	0.225	0.92	0.19				0
CBC (%DW)	514.99	Other	154	0.1914	0.1974	0.1907	1.91	0.37				0
CBC (%DW)	514.99	Other	162	0.2441	0.2519	0.2527	1.9	0.39				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	

- 1. Flag definitions: 1 (Lab RSDr not calculated because there were less than 3 numeric lab results)
- 2. Statistical parameters of robust mean, minimum, and maximum for RSDr only shown only if there were 6 or more lab RSDr values.
- 3. AR refers to concentration on as-received basis. DW refers to concentration on dry weight basis.c